

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E81844

Employer : Seattle Pacific University

Worksite : Headquarters

Street : 3307 3rd Ave W

Jurisdiction : City of Seattle

Survey Date : 11/10/2015

Survey Type : Online

Response Rate : 72%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 53.6%

Reported Total Employees at Worksite: 638

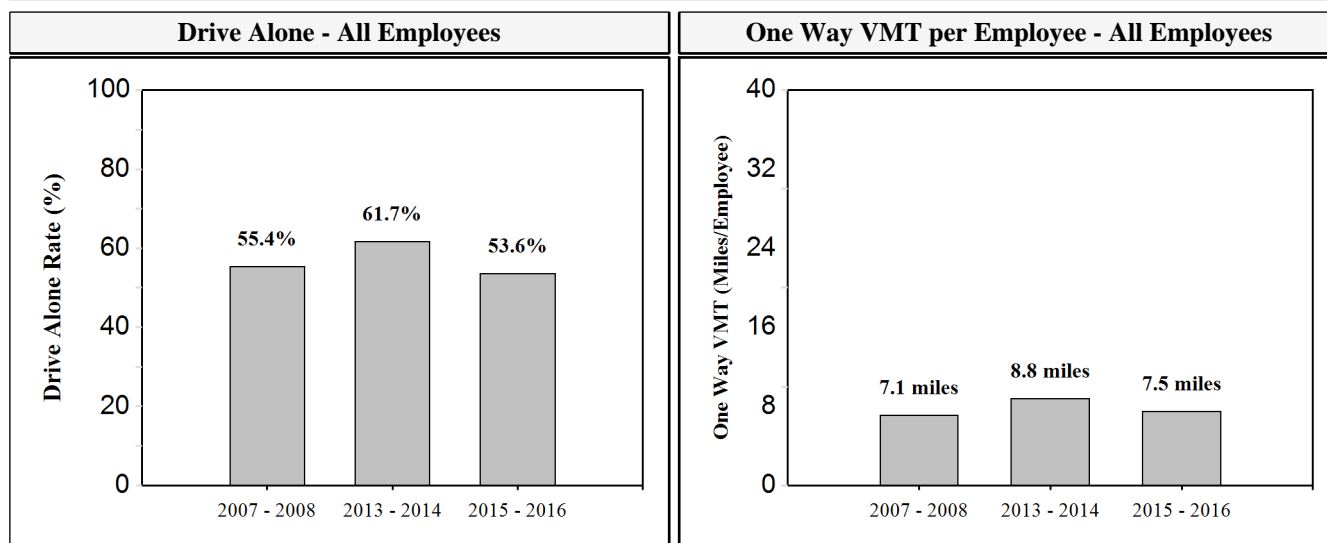
Surveys Distributed : 595

One-Way VMT per employee : 7.5

Surveys Returned : 429

Surveys Returned by CTR Affected Employees : 391

Total Estimated CTR - Affected Employees at Worksite : 542



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	55.4%	52.5%	7.1	6.9
2009 - 2010	52.3%	51.1%	7.0	7.1
2011 - 2012	55.8%	52.0%	7.7	7.5
2013 - 2014	61.7%	61.6%	8.8	8.9
2015 - 2016	53.6%	51.2%	7.5	7.4
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	-3.2%	-2.5%	5.6%	7.2%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2013 - 2014	2013 - 2014 Without Fill In	2015 - 2016
Drive Alone - All Employees*	55.4%	61.7%	48.7%	53.6%
Drive Alone - CTR Affected Employees*	52.5%	61.6%	46.3%	51.2%
VMT/Employee - All Employees	7.1	8.8	7.3	7.5
VMT/Employees - CTR Affected Employees	6.9	8.9	7.2	7.4

* Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2007 - 2008	2013 - 2014	2015 - 2016
Emissions for Surveyed Employees	510	640	667
Estimated Emissions for Total Employment	812	1,206	992

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2013 - 2014	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	426,102	809,491	455,077
Bus Annual Passenger Miles - Surveyed Employees	267,700	429,400	306,000
Ferry Annual Passenger Miles - Estimated for Total Employment	0	125,741	48,928
Ferry Annual Passenger Miles - Surveyed Employees	0	66,700	32,900
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	92,320	351,961	313,051
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	58,000	186,700	210,500

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

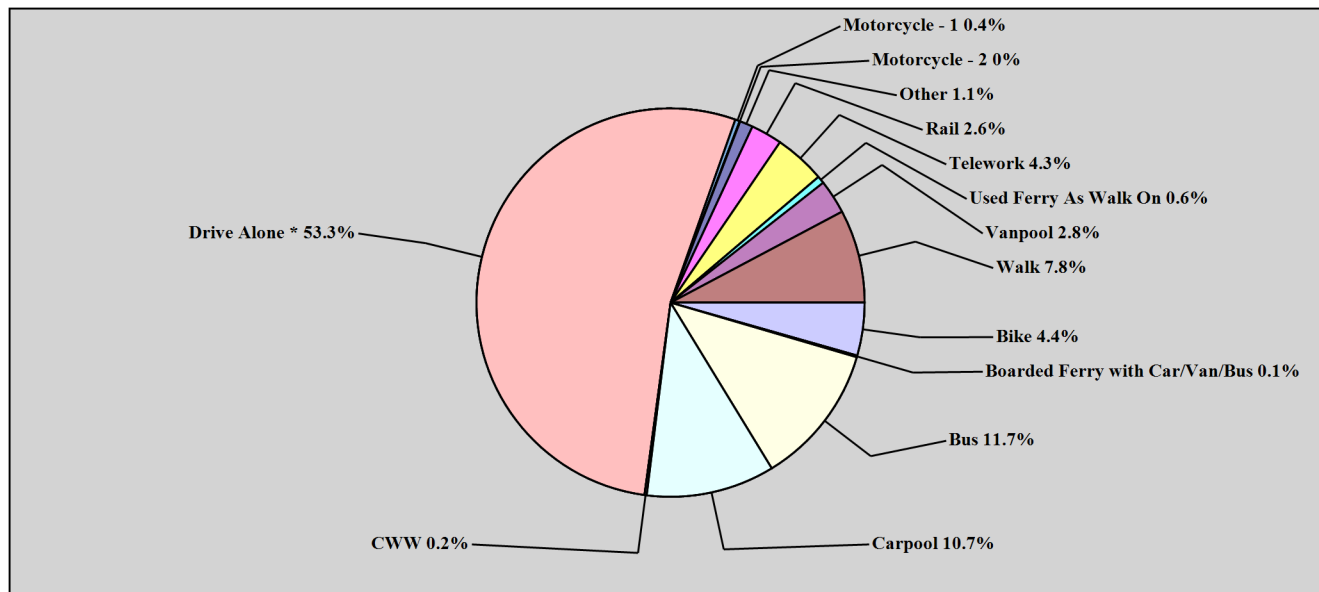
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 12.6 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



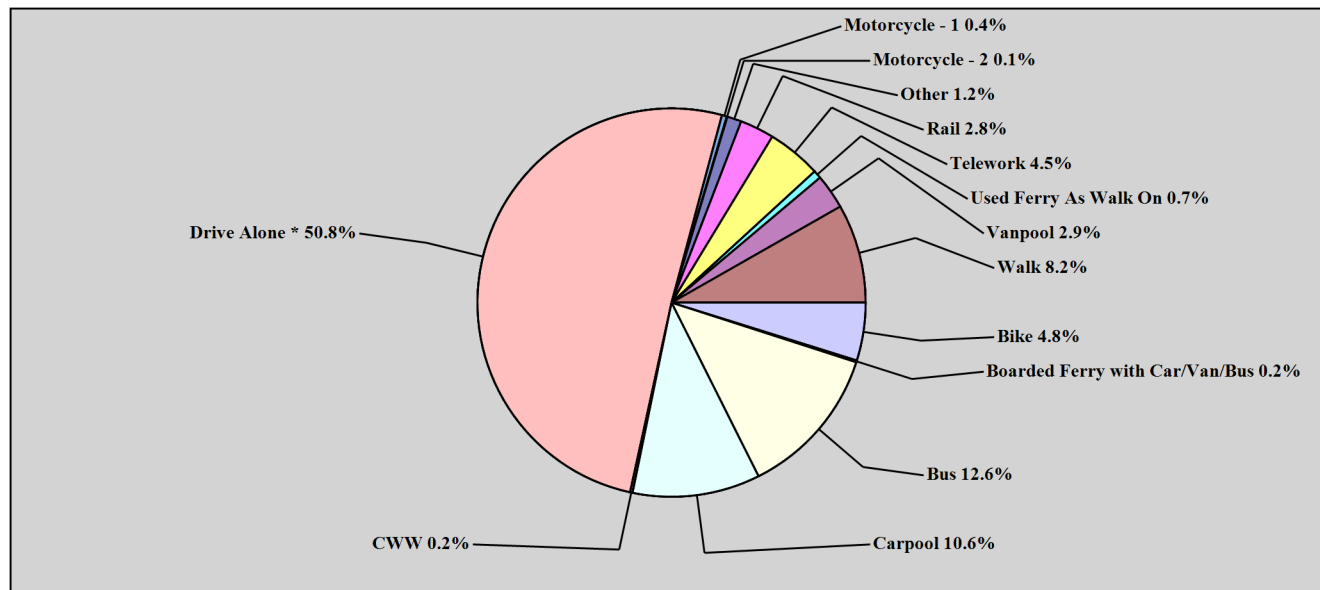
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,126	53.3%	61.3%	290	67.6%	66.3%
Carpool	226	10.7%	9.7%	75	17.5%	19.4%
Vanpool	60	2.8%	2.2%	14	3.3%	3.1%
Motorcycle - 1	8	0.4%	0.3%	3	0.7%	1.0%
Motorcycle - 2	1	0.0%	0.2%	1	0.2%	0.7%
Bus	248	11.7%	11.9%	81	18.9%	23.2%
Rail	55	2.6%	1.9%	15	3.5%	2.9%
Bike	93	4.4%	1.6%	34	7.9%	3.6%
Walk	164	7.8%	5.4%	39	9.1%	8.9%
Telework	90	4.3%	3.3%	59	13.8%	12.4%
CWW	4	0.2%	0.3%	3	0.7%	1.4%
Boarded Ferry with Car/Van/Bus	3	0.1%	0.7%	3	0.7%	1.9%
Used Ferry As Walk On	13	0.6%	0.6%	3	0.7%	1.2%
Other	23	1.1%	0.6%	9	2.1%	1.9%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	980	50.8%	61.3%	257	65.7%	65.2%
Carpool	205	10.6%	10.1%	68	17.4%	20.9%
Vanpool	56	2.9%	2.4%	13	3.3%	3.8%
Motorcycle - 1	8	0.4%	0.3%	3	0.8%	0.9%
Motorcycle - 2	1	0.1%	0.2%	1	0.3%	0.6%
Bus	244	12.6%	11.9%	79	20.2%	24.5%
Rail	55	2.8%	2.0%	15	3.8%	3.2%
Bike	93	4.8%	1.8%	34	8.7%	4.4%
Walk	159	8.2%	5.3%	38	9.7%	9.4%
Telework	87	4.5%	3.0%	56	14.3%	13.0%
CWW	4	0.2%	0.3%	3	0.8%	1.5%
Boarded Ferry with Car/Van/Bus	3	0.2%	0.3%	3	0.8%	1.2%
Used Ferry As Walk On	13	0.7%	0.7%	3	0.8%	1.5%
Other	23	1.2%	0.4%	9	2.3%	1.2%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	164	38%	429	100%
1 Days	37	9%	265	62%
2 Days	36	8%	228	53%
3 Days	29	7%	192	45%
4 Days	41	10%	163	38%
5 Days	113	26%	122	28%
6 or More Days	9	2%	9	2%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	119	34.1%	57	16.3%	42	12%	32	9.2%	10	2.9%	11	3.2%	44	12.6%	2	0.6%	163	46.7%
4 days a week (4/10s)	5	13.9%	17	47.2%	2	5.6%	2	5.6%	1	2.8%	0	0%	5	13.9%	0	0%	10	27.8%
3 days a week	0	0%	1	50%	0	0%	1	50%	0	0%	0	0%	0	0%	0	0%	1	50%
9 days in 2 weeks (9/80)	5	33.3%	4	26.7%	1	6.7%	4	26.7%	0	0%	0	0%	0	0%	0	0%	6	40%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	4	18.2%	6	27.3%	0	0%	2	9.1%	1	4.5%	1	4.5%	4	18.2%	1	4.5%	10	45.5%

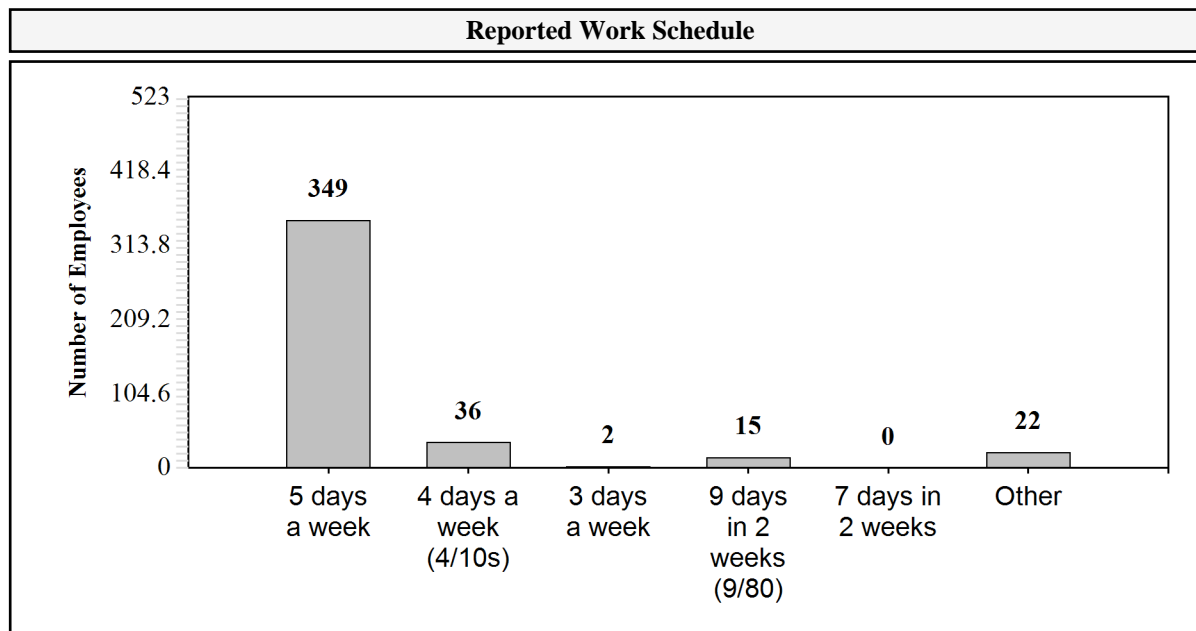
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	8
2	Motorcycle	1
2	Carpool	178
3	Carpool	40
4	Carpool	5
5	Carpool	2
>5	Carpool	1
<5	Vanpool	15
5	Vanpool	3
6	Vanpool	12
7	Vanpool	14
8	Vanpool	12
9	Vanpool	4
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

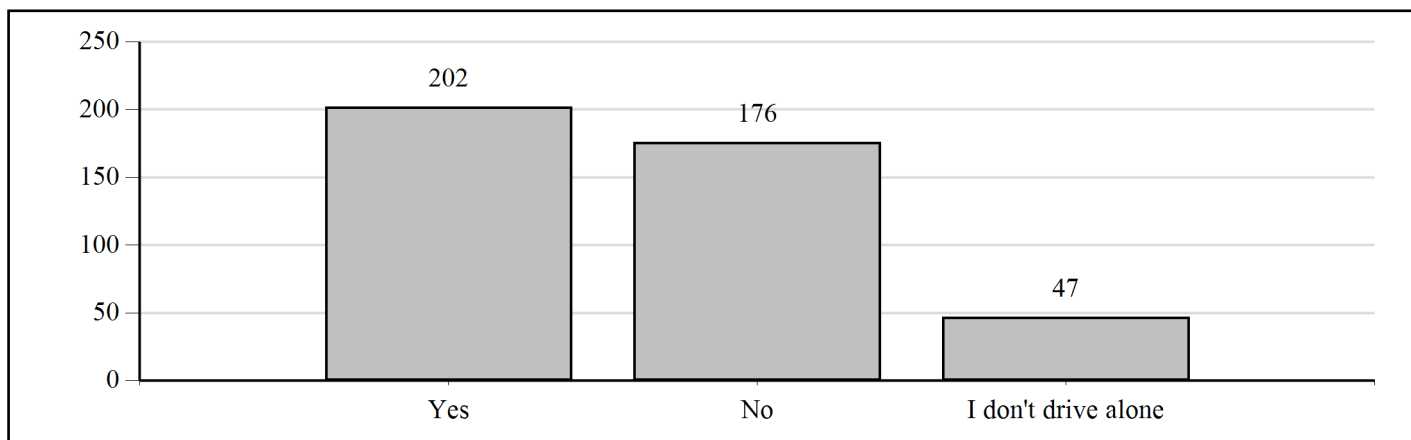
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	349	82.3%
4 days a week (4/10s)	36	8.5%
3 days a week	2	0.5%
9 days in 2 weeks (9/80)	15	3.5%
7 days in 2 weeks	0	0%
Other	22	5.2%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	3	0.7%
I don't telework	219	51.0%
Occasionally, on an as-needed basis	110	25.6%
1-2 days/month	32	7.5%
1 day/week	45	10.5%
2 days/week	15	3.5%
3 days/week	5	1.2%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	178	18.1%
Personal health or well-being	146	14.8%
To save money	140	14.2%
Environmental and community benefits	104	10.6%
I have the option of teleworking	89	9.0%
Financial incentives for carpooling, bicycling or walking.	73	7.4%
Cost of parking or lack of parking	62	6.3%
Other	57	5.8%
To save time using the HOV lane	54	5.5%
Driving myself is not an option	39	4.0%
Emergency ride home is provided	21	2.1%
Preferred/reserved carpool/vanpool parking is provided	18	1.8%
I receive a financial incentive for giving up my parking space	3	0.3%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	277	28.1%
I like the convenience of having my car	224	22.7%
Family care or similar obligations	182	18.4%
Other	112	11.3%
My job requires me to use my car for work	76	7.7%
My commute distance is too short	58	5.9%
Bicycling or walking isn't safe	43	4.4%
I need more information on alternative modes	12	1.2%
There isn't any secure or covered bicycle parking	3	0.3%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	4	2	0	15	1	1	6	0	1	2
2	2	0	0	29	0	1	4	0	2	0
3	2	0	0	13	0	0	1	0	0	0
4	2	0	0	10	0	0	2	0	0	1
5	1	0	0	7	0	0	0	0	0	2
6	4	0	0	10	0	0	2	0	0	0
7	0	0	0	2	1	0	0	0	0	0
8	3	0	0	15	2	0	7	0	2	2
9	0	0	0	3	0	0	1	0	0	0
10	0	0	0	11	1	0	2	0	3	1
11 or more	1	0	0	8	0	0	1	0	0	0
# Of Employees using Transit	19	2	0	123	5	2	26	0	8	8
Total One-Way Transit Trips Per Week	87	2	0	685	34	3	134	0	51	42

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	3	2	0	14	1	1	6	0	1	2
2	2	0	0	28	0	1	3	0	2	0
3	2	0	0	12	0	0	1	0	0	0
4	2	0	0	10	0	0	2	0	0	1
5	1	0	0	5	0	0	0	0	0	2
6	3	0	0	10	0	0	2	0	0	0
7	0	0	0	2	1	0	0	0	0	0
8	3	0	0	15	2	0	7	0	2	1
9	0	0	0	3	0	0	1	0	0	0
10	0	0	0	11	1	0	2	0	3	1
11 or more	1	0	0	8	0	0	1	0	0	0
# Of Employees using Transit	17	2	0	118	5	2	25	0	8	7
Total One-Way Transit Trips Per Week	80	2	0	669	34	3	132	0	51	34

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	3	0.70%	10	2	0	0	2	1	0	0	0	0	0	0	0
98001	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0	0
98003	1	0.23%	2	2	0	0	0	0	0	0	0	0	0	0	0
98004	5	1.17%	13	0	2	0	6	0	3	0	0	0	0	0	0
98005	3	0.70%	12	0	0	0	2	0	0	0	1	0	0	0	0
98006	4	0.93%	19	0	0	0	0	0	0	0	1	0	0	0	0
98008	1	0.23%	1	3	0	0	0	0	0	0	1	0	0	0	0
98011	3	0.70%	12	0	3	0	0	0	0	0	0	0	0	0	0
98012	9	2.10%	35	5	0	0	1	0	2	0	2	0	0	0	0
98020	9	2.10%	38	4	0	0	0	0	1	0	1	0	0	0	0
98021	3	0.70%	1	6	5	0	0	0	0	0	0	0	0	0	0
98023	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0	0
98024	2	0.47%	3	0	0	0	5	0	0	0	0	0	0	0	0
98026	12	2.80%	36	10	5	0	2	0	0	0	5	0	0	0	3
98028	5	1.17%	16	0	0	0	5	0	0	0	2	0	0	0	2
98029	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0	0
98030	1	0.23%	2	0	0	0	0	3	0	0	0	0	0	0	0
98031	3	0.70%	5	3	0	0	0	6	0	0	0	0	0	0	0
98032	2	0.47%	3	2	0	0	0	4	0	0	1	0	0	0	0
98033	3	0.70%	8	0	5	0	0	0	0	0	2	0	0	0	0
98034	2	0.47%	0	0	0	0	6	0	1	0	2	0	0	0	0
98036	8	1.86%	16	6	8	0	5	0	3	0	1	0	0	0	0
98037	7	1.63%	16	9	5	0	0	0	0	0	3	0	0	0	0
98038	2	0.47%	4	0	0	0	5	0	0	0	0	0	0	0	0
98040	2	0.47%	10	0	0	0	0	0	0	0	2	0	0	0	0
98042	1	0.23%	1	2	0	0	0	0	0	0	2	0	0	0	0



98043	10	2.33%	18	15	10	0	7	0	0	0	0	0	0	1
98045	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0
98052	3	0.70%	5	8	0	0	0	0	0	0	0	0	0	0
98053	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0
98055	2	0.47%	3	7	0	0	0	0	0	0	0	0	0	0
98056	6	1.40%	23	4	0	0	0	0	0	0	5	0	0	0
98058	2	0.47%	0	6	0	0	0	0	0	0	0	0	0	0
98059	1	0.23%	1	4	0	0	0	0	0	0	0	0	0	0
98065	2	0.47%	5	1	0	0	2	0	0	0	2	0	0	0
98075	1	0.23%	3	0	0	0	0	0	0	0	3	0	0	0
98087	4	0.93%	7	5	0	0	8	0	0	0	0	0	0	0
98092	1	0.23%	2	0	2	0	0	0	0	0	0	0	0	0
98102	2	0.47%	9	0	0	0	0	0	0	0	1	0	0	0
98103	32	7.46%	76	11	0	5	21	0	17	18	6	0	0	0
98105	6	1.40%	16	0	0	0	6	0	7	0	0	1	0	0
98106	1	0.23%	6	0	0	0	0	0	0	0	0	0	0	0
98107	12	2.80%	42	2	0	0	10	0	4	0	1	0	0	0
98108	3	0.70%	11	0	0	0	2	0	0	0	1	0	0	0
98109	10	2.33%	29	1	0	0	4	0	0	15	1	0	0	0
98110	1	0.23%	0	0	0	0	0	0	0	0	0	0	0	5
98112	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0
98113	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0
98115	19	4.43%	62	4	0	0	16	0	13	0	2	0	0	4
98116	4	0.93%	12	0	0	0	4	0	0	0	1	0	0	0
98117	23	5.36%	81	1	0	0	20	0	14	0	1	2	0	0
98118	6	1.40%	19	0	0	0	2	1	0	0	0	0	0	5
98119	44	10.26%	48	8	0	3	29	0	3	125	4	0	0	1
98121	1	0.23%	0	2	0	0	3	0	0	0	0	0	0	0
98125	4	0.93%	4	5	0	0	7	0	2	0	0	0	0	0
98126	3	0.70%	10	2	0	1	0	0	0	0	2	0	0	0
98133	17	3.96%	68	2	0	0	5	0	2	0	4	1	0	0
98136	3	0.70%	10	0	0	0	3	0	0	0	1	0	0	0
98144	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0
98146	2	0.47%	5	0	0	0	0	0	5	0	0	0	0	0
98155	13	3.03%	36	7	10	0	11	0	0	0	2	0	0	0
98168	3	0.70%	16	0	0	0	0	0	0	0	0	0	0	0
98177	17	3.96%	68	3	0	0	8	0	5	0	2	0	0	0



98178	2	0.47%	0	10	0	0	0	0	0	0	0	0	0	0	0
98188	1	0.23%	3	1	0	0	0	0	0	0	0	0	1	0	0
98198	4	0.93%	16	3	0	0	0	0	0	0	0	0	0	0	0
98199	24	5.59%	56	32	0	0	9	0	11	3	3	0	0	0	0
98203	3	0.70%	1	0	0	0	8	5	0	0	0	0	0	0	1
98208	4	0.93%	11	0	5	0	3	0	0	0	1	0	0	0	0
98223	1	0.23%	0	4	0	0	0	0	0	0	0	0	0	0	0
98239	2	0.47%	5	0	0	0	0	0	0	3	0	0	1	0	0
98260	1	0.23%	0	0	0	0	0	5	0	0	0	0	0	0	0
98270	3	0.70%	6	2	0	0	6	0	0	0	1	0	0	0	0
98271	1	0.23%	2	0	0	0	3	0	0	0	0	0	0	0	0
98272	1	0.23%	0	3	0	0	0	0	0	0	2	0	0	0	0
98274	1	0.23%	4	0	0	0	0	0	0	0	1	0	0	0	0
98275	2	0.47%	1	0	0	0	9	0	0	0	0	0	0	0	0
98277	1	0.23%	0	5	0	0	0	0	0	0	0	0	0	0	0
98282	1	0.23%	3	0	0	0	0	0	0	0	2	0	0	0	0
98292	2	0.47%	5	4	0	0	0	0	0	0	0	0	0	0	0
98296	1	0.23%	0	5	0	0	0	0	0	0	0	0	0	0	0
98311	1	0.23%	0	1	0	0	0	0	0	0	4	0	1	0	0
98312	1	0.23%	0	0	0	0	0	0	0	0	1	0	0	4	0
98335	1	0.23%	0	0	0	0	0	4	0	0	0	0	0	0	0
98367	2	0.47%	0	0	0	0	0	0	0	0	1	0	0	9	0
98372	2	0.47%	5	0	0	0	0	5	0	0	0	0	0	0	0
98375	1	0.23%	0	0	0	0	0	3	0	0	1	0	0	0	0
98387	1	0.23%	3	0	0	0	0	0	0	0	2	0	0	0	0
98388	1	0.23%	0	0	0	0	0	4	0	0	0	0	0	0	0
98391	1	0.23%	0	0	0	0	0	5	0	0	0	0	0	0	0
98407	1	0.23%	0	0	0	0	3	0	0	0	1	0	0	0	1
98422	1	0.23%	2	3	0	0	0	0	0	0	0	0	0	0	0
98466	1	0.23%	0	1	0	0	0	4	0	0	0	0	0	0	0
98498	1	0.23%	0	0	0	0	0	5	0	0	0	0	0	0	0
98826	1	0.23%	0	0	0	0	0	0	0	0	5	0	0	0	0
98943	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0	0